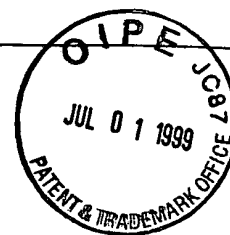


SEQUENCE LISTING



<110> Ashkenazi, Avi J.  
Chuntharapai, Anan  
Kim, Kyung Jin

<120> APO-2 RECEPTOR

<130> 11669.28US04

<140> 09/020,746

<141> 1998-02-09

<150> 08/857,216

<151> 1997-05-15

<160> 11

<170> PatentIn Ver. 2.0

<210> 1

<211> 411

<212> PRT

<213> Homo sapiens

<220>

<221> VARIANT

<222> (410)

<223> Xaa = Leu or Met

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Arg His Gly Pro Gly Pro Arg Glu Ala Arg Gly Ala Arg Pro Gly Leu  
20 25 30

Arg Val Pro Lys Thr Leu Val Leu Val Val Ala Ala Val Leu Leu Leu  
35 40 45

Val Ser Ala Glu Ser Ala Leu Ile Thr Gln Gln Asp Leu Ala Pro Gln  
50 55 60

Gln Arg Ala Ala Pro Gln Gln Lys Arg Ser Ser Pro Ser Glu Gly Leu  
65 70 75 80

Cys Pro Pro Gly His His Ile Ser Glu Asp Gly Arg Asp Cys Ile Ser  
85 90 95

73

a

Cys Lys Tyr Gly Gln Asp Tyr Ser Thr His Trp Asn Asp Leu Leu Phe  
100 105 110

Cys Leu Arg Cys Thr Arg Cys Asp Ser Gly Glu Val Glu Leu Ser Pro  
115 120 125

Cys Thr Thr Thr Arg Asn Thr Val Cys Gln Cys Glu Glu Gly Thr Phe  
130 135 140

Arg Glu Glu Asp Ser Pro Glu Met Cys Arg Lys Cys Arg Thr Gly Cys  
145 150 155 160

Pro Arg Gly Met Val Lys Val Gly Asp Cys Thr Pro Trp Ser Asp Ile  
165 170 175

Glu Cys Val His Lys Glu Ser Gly Ile Ile Ile Gly Val Thr Val Ala  
180 185 190

Ala Val Val Leu Ile Val Ala Val Phe Val Cys Lys Ser Leu Leu Trp  
195 200 205

Lys Lys Val Leu Pro Tyr Leu Lys Gly Ile Cys Ser Gly Gly Gly Gly  
210 215 220

Asp Pro Glu Arg Val Asp Arg Ser Ser Gln Arg Pro Gly Ala Glu Asp  
225 230 235 240

Asn Val Leu Asn Glu Ile Val Ser Ile Leu Gln Pro Thr Gln Val Pro  
245 250 255

Glu Gln Glu Met Glu Val Gln Glu Pro Ala Glu Pro Thr Gly Val Asn  
260 265 270

Met Leu Ser Pro Gly Glu Ser Glu His Leu Leu Glu Pro Ala Glu Ala  
275 280 285

Glu Arg Ser Gln Arg Arg Arg Leu Leu Val Pro Ala Asn Glu Gly Asp  
290 295 300

Pro Thr Glu Thr Leu Arg Gln Cys Phe Asp Asp Phe Ala Asp Leu Val  
305 310 315 320

Pro Phe Asp Ser Trp Glu Pro Leu Met Arg Lys Leu Gly Leu Met Asp  
325 330 335

Asn Glu Ile Lys Val Ala Lys Ala Glu Ala Ala Gly His Arg Asp Thr  
340 345 350

94

ai

Leu Tyr Thr Met Leu Ile Lys Trp Val Asn Lys Thr Gly Arg Asp Ala  
 355 360 365

Ser Val His Thr Leu Leu Asp Ala Leu Glu Thr Leu Gly Glu Arg Leu  
 370 375 380

Ala Lys Gln Lys Ile Glu Asp His Leu Leu Ser Ser Gly Lys Phe Met  
 385 390 395 400

Tyr Leu Glu Gly Asn Ala Asp Ser Ala Xaa Ser  
 405 410

<210> 2  
 <211> 1799  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> variation  
 <222> (1367)  
 <223> w = Adenine, Thymine or Uracil

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 aatacaccga cgatgcccgga tctactttaa gggctgaaac ccacgggcct gagagactat 120  
 aagagcgttc cctaccgcca tggaacaacg gggacagaaac gccccggccg cttcgggggc 180  
 ccggaaaagg cacggcccgag gacccaggga ggcgcgggga gccaggcctg ggctccgggt 240  
 cccaagacc cttgtgctcg ttgtcgccgc ggtcctgctg ttggtctcag ctgagctcgc 300  
 tctgatcacc caacaagacc tagctcccca gcagagagcg gccccacaac aaaagaggtc 360  
 cagccctca gagggattgt gtccacctgg acaccatc tcagaagacg gtagagattg 420  
 catctcctgc aaatatggac aggactatag cactcactgg aatgacctcc ttttctgctt 480  
 gcgctgcacc aggtgtgatt caggtgaagt ggagctaagt ccctgcacca cgaccagaaa 540  
 cacagtgtgt cagtgcgaag aaggcacctt ccgggaagaa gattctcctg agatgtgccg 600  
 gaagtgccgc acaggggtgc ccagagggat ggtcaaggtc ggtgattgta caccctggag 660  
 tgacatcgaa tgtgtccaca aagaatcagg catcatcata ggagtcacag ttgcagccgt 720  
 agtcttgatt gtggctgtgt ttgtttgcaa gtctttactg tggaagaaaag tccttcctta 780  
 cctgaaaggc atctgctcag gtggtggtgg ggaccctgag cgtgtggaca gaagctcaca 840  
 acgacctggg gctgaggaca atgtcctcaa tgagatcgtg agtatcttgc agcccaccca 900  
 ggtccctgag caggaaatgg aagtccagga gccagcagag ccaacagggtg tcaacatggt 960  
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 tgactttgca gacttggtgc ctttgactc ctgggagccg ctcatgagga agttgggcct 1140  
 catggacaat gagataaagg tggctaaagc tgaggcagcg ggccacaggg acaccttgta 1200  
 cacgatgctg ataaagtggg tcaacaaaac cgggcgagat gcctctgtcc acacctgct 1260  
 ggatgccttg gagacgctgg gagagagact tgccaagcag aagattgagg accactgtt 1320  
 gagctctgga aagttcatgt atctagaagg taatgcagac tctgccwtgt cctaagtggt 1380

75

a

attctcttca ggaagtgaga ccttcctggt ttacctttt ttctggaaaa agcccaactg 1440  
gactccagtc agtaggaaag tgccacaatt gtcacatgac cgtactgga agaaactctc 1500  
ccatccaaca tcacccagtg gatggaacat cctgtaactt ttactgcac ttggcattat 1560  
ttttataagc tgaatgtgat aataaggaca ctatggaaat gtctggatca ttccgtttgt 1620  
gcgtactttg agatttggtt tgggatgtca ttgttttcac agcacttttt ttcctaatg 1680  
taaagtcttt atttatttat ttgggctaca ttgtaagatc catctacaaa aaaaaaaaaa 1740  
aaaaaaaaag ggcggccgcg actctagagt cgacctgcag aagcttggcc gccatggcc 1799

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<211> 70  
<212> DNA  
<213> Artificial Sequence

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<221> misc\_feature  
<222> (1)..(70)  
<223> Sequence is synthesized

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aggcagcggg 70

<210> 4  
<211> 29  
<212> DNA  
<213> Artificial Sequence

<220>  
<221> misc\_feature  
<222> (1)..(29)  
<223> Sequence is synthesized

<400> 4  
atcagggact ttccgctggg gactttccg 29

<210> 5  
<211> 30  
<212> DNA  
<213> Artificial Sequence

<220>  
<221> misc\_feature  
<222> (1)..(30)  
<223> Sequence is synthesized

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aggatgggaa gtgtgtgata ttccttgat 30

a!  
Cmt.

<210> 6  
<211> 411  
<212> PRT  
<213> Homo sapiens

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1 5 10 15  
Arg His Gly Pro Gly Pro Arg Glu Ala Arg Gly Ala Arg Pro Gly Leu  
20 25 30  
Arg Val Pro Lys Thr Leu Val Leu Val Val Ala Ala Val Leu Leu Leu  
35 40 45  
Val Ser Ala Glu Ser Ala Leu Ile Thr Gln Gln Asp Leu Ala Pro Gln  
50 55 60  
Gln Arg Ala Ala Pro Gln Gln Lys Arg Ser Ser Pro Ser Glu Gly Leu  
65 70 75 80  
Cys Pro Pro Gly His His Ile Ser Glu Asp Gly Arg Asp Cys Ile Ser  
85 90 95  
Cys Lys Tyr Gly Gln Asp Tyr Ser Thr His Trp Asn Asp Leu Leu Phe  
100 105 110  
Cys Leu Arg Cys Thr Arg Cys Asp Ser Gly Glu Val Glu Leu Ser Pro  
115 120 125  
Cys Thr Thr Thr Arg Asn Thr Val Cys Gln Cys Glu Glu Gly Thr Phe  
130 135 140  
Arg Glu Glu Asp Ser Pro Glu Met Cys Arg Lys Cys Arg Thr Gly Cys  
145 150 155 160  
Pro Arg Gly Met Val Lys Val Gly Asp Cys Thr Pro Trp Ser Asp Ile  
165 170 175  
Glu Cys Val His Lys Glu Ser Gly Ile Ile Ile Gly Val Thr Val Ala  
180 185 190  
Ala Val Val Leu Ile Val Ala Val Phe Val Cys Lys Ser Leu Leu Trp  
195 200 205  
Lys Lys Val Leu Pro Tyr Leu Lys Gly Ile Cys Ser Gly Gly Gly Gly  
210 215 220

Asp Pro Glu Arg Val Asp Arg Ser Ser Gln Arg Pro Gly Ala Glu Asp  
 225 230 235 240

Asn Val Leu Asn Glu Ile Val Ser Ile Leu Gln Pro Thr Gln Val Pro  
 245 250 255

Glu Gln Glu Met Glu Val Gln Glu Pro Ala Glu Pro Thr Gly Val Asn  
 260 265 270

Met Leu Ser Pro Gly Glu Ser Glu His Leu Leu Glu Pro Ala Glu Ala  
 275 280 285

Glu Arg Ser Gln Arg Arg Arg Leu Leu Val Pro Ala Asn Glu Gly Asp  
 290 295 300

Pro Thr Glu Thr Leu Arg Gln Cys Phe Asp Asp Phe Ala Asp Leu Val  
 305 310 315 320

Pro Phe Asp Ser Trp Glu Pro Leu Met Arg Lys Leu Gly Leu Met Asp  
 325 330 335

Asn Glu Ile Lys Val Ala Lys Ala Glu Ala Ala Gly His Arg Asp Thr  
 340 345 350

Leu Tyr Thr Met Leu Ile Lys Trp Val Asn Lys Thr Gly Arg Asp Ala  
 355 360 365

Ser Val His Thr Leu Leu Asp Ala Leu Glu Thr Leu Gly Glu Arg Leu  
 370 375 380

Ala Lys Gln Lys Ile Glu Asp His Leu Leu Ser Ser Gly Lys Phe Met  
 385 390 395 400

Tyr Leu Glu Gly Asn Ala Asp Ser Ala Leu Ser  
 405 410

<210> 7

<211> 76

<212> PRT

<213> Homo sapiens

<400> 7

Phe Ala Asp Leu Val Pro Phe Asp Ser Trp Glu Pro Leu Met Arg Lys  
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Leu Gly Leu Met Asp Asn Glu Ile Lys Val Ala Lys Ala Glu Ala Ala  
 20 25 30

78

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A!  
Cont.

Gly His Arg Asp Thr Leu Tyr Thr Met Leu Ile Lys Trp Val Asn Lys  
35 40 45

Thr Gly Arg Asp Ala Ser Val His Thr Leu Leu Asp Ala Leu Glu Thr  
50 55 60

Leu Gly Glu Arg Leu Ala Lys Gln Lys Ile Glu Asp  
65 70 75

<210> 8

<211> 76

<212> PRT

<213> Homo sapiens

<400> 8

Phe Ala Asn Ile Val Pro Phe Asp Ser Trp Asp Gln Leu Met Arg Gln  
1 5 10 15

Leu Asp Leu Thr Lys Asn Glu Ile Asp Val Val Arg Ala Gly Thr Ala  
20 25 30

Gly Pro Gly Asp Ala Leu Tyr Ala Met Leu Met Lys Trp Val Asn Lys  
35 40 45

Thr Gly Arg Asn Ala Ser Ile His Thr Leu Leu Asp Ala Leu Glu Arg  
50 55 60

Met Glu Glu Arg His Ala Lys Glu Lys Ile Gln Asp  
65 70 75

<210> 9

<211> 74

<212> PRT

<213> Homo sapiens

<400> 9

Val Met Asp Ala Val Pro Ala Arg Arg Trp Lys Glu Phe Val Arg Thr  
1 5 10 15

Leu Gly Leu Arg Glu Ala Glu Ile Glu Ala Val Glu Val Glu Ile Gly  
20 25 30

Arg Phe Arg Asp Gln Gln Tyr Glu Met Leu Lys Arg Trp Arg Gln Gln  
35 40 45

Gln Pro Ala Gly Leu Gly Ala Val Tyr Ala Ala Leu Glu Arg Met Gly  
50 55 60

Leu Asp Gly Cys Val Glu Asp Leu Arg Ser  
65 70

<210> 10  
<211> 78  
<212> PRT  
<213> Homo sapiens

<400> 10  
Val Val Glu Asn Val Pro Pro Leu Arg Trp Lys Glu Phe Val Arg Arg  
1 5 10 15

Leu Gly Leu Ser Asp His Glu Ile Asp Arg Leu Glu Leu Gln Asn Gly  
20 25 30

Arg Cys Leu Arg Glu Ala Gln Tyr Ser Met Leu Ala Thr Trp Arg Arg  
35 40 45

Arg Thr Pro Arg Arg Glu Ala Thr Leu Glu Leu Leu Gly Arg Val Leu  
50 55 60

Arg Asp Met Asp Leu Leu Gly Cys Leu Glu Asp Ile Glu Glu  
65 70 75

<210> 11  
<211> 77  
<212> PRT  
<213> Homo sapiens

<400> 11  
Ile Ala Gly Val Met Thr Leu Ser Gln Val Lys Gly Phe Val Arg Lys  
1 5 10 15

Asn Gly Val Asn Glu Ala Lys Ile Asp Glu Ile Lys Asn Asp Asn Val  
20 25 30

Gln Asp Thr Ala Glu Gln Lys Val Gln Leu Leu Arg Asn Trp His Gln  
35 40 45

Leu His Gly Lys Lys Glu Ala Tyr Asp Thr Leu Ile Lys Asp Leu Lys  
50 55 60

Lys Ala Asn Leu Cys Thr Leu Ala Glu Lys Ile Gln Thr

a  
cont



al  
cont

65

70

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